

S/580/61/000/000/011/016
A057/A126

The reaction of peracetic.....

following characteristics: boiling point 71-72°C/24 mm, $n_D^{20} = 1.4212$, $d_4^{20} = 1.0056$, rather soluble in water, well soluble in organic solvents, and stable in atmospheric air. Infrared absorption spectra of 4-methyl-4-pentene-2-one and its product mesityl-4-methyl-4,5-epoxypentanone-2 were taken on an $\text{IKS}-14$ (IKS-14) spectrophotometer in the range 800 - 1,800 cm^{-1} and the maxima 1,708 cm^{-1} (carbonyl group) were observed in both substances, while the absorption band 1,647 cm^{-1} (of the isolated double bond) and 1,610 cm^{-1} (the double bond conjugated with the carbonyl group), which were observed in the isomesityl oxide, disappeared in the spectrum of the β -keto oxide. Instead, the maximum 866 cm^{-1} , apparently characteristic of the isolated epoxide cycle, was observed in the spectrum of the β -keto oxide. There are 2 figures.

Card 2/2

J.3400

J.34
S/580/61/000/000/013/016
A057/A126

AUTHOR: Tishchenko, I.G.

TITLE: Isomeric transformations of oxidation products of some α -, β -unsaturated ketones

SOURCE: Yerofeyev, B.V. and Tishchenko, I.G., eds. Zhidkofaznoye okisleniye nepredel'nykh organicheskikh soyedineniy, Minsk, 1961, 123 - 131

TEXT: The isomerization of epoxides of pentene-2-on-4, of mesityl oxide, and of 1-methoxy-5-methyl-4-hexene-3-on was investigated in the presence of zinc chloride, and hydrochloric or sulfuric acid, respectively. The present work was carried out in connection with earlier investigations by the author and I.N. Nazarov and A.A. Akhrem, to find further explanations on the effect of acids on the redistribution of the bonds in α -, β -unsaturated ketones. Isomerization of the epoxide of 1-methoxy-5-methyl-4-hexeno-3-on was effected by heating the solution in methanol with sulfuric acid and 1-methoxy-5-methylhexanedione-3,4 obtained with 55% yield. The structure of the diketone was proved by splitting the molecule in the 3,4 position and by the formation of isobutyric and β -methoxy propionic acid. 3,4-epoxypentanone-2 was isomerized easily by slow distillation in the presence

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X

Isomeric transformations of oxidation

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of 3 - 4% of dehydrated zinc chloride into pentanedione-2,3 with 75% yield. The isomerization of the epoxide of mesityl oxide occurs, however, in a more complicated way, since in the presence of zinc chloride and hydrochloric acid simultaneously, the carbon-carbon bond of the keto-oxide structure is splitted. Thus, -3,4, 2-methyl-butanone-3, dimethylketene, mesityl oxide and acetic acid.

Card 2/2

✓.3400

✓.3400
S/580/61/000/CCO/C14/016
A057/A126

AUTHORS: Tishchenko, I.G.; Stanishevskiy, L.S.

TITLE: Liquid-phase oxidation of trans-n-butyldeneacetone by molecular oxygen

SOURCE: Yerofeyev, B.V. and Tishchenko, I.G., eds. Zhidkofaznoye okisleniye nepredel'nykh organicheskikh soyedineniy, Minsk, 1961, 133 - 143

TEXT: Several products of the liquid-phase oxidation of trans-n-butyldeneacetone were separated, characterized, and the oxidation kinetics investigated. The present study is of theoretical and practical interest, since literature data available on liquid-phase oxidation of α -, β -unsaturated ketones by molecular oxygen are related only to mesityl oxide. The present investigation was carried out by mixing trans-n-butyldeneacetone for 12 h at 25°C in oxygen atmosphere and the oxidation products were separated by fractional distillation. The oxidation is an unbranched chain reaction. The present authors suggest a reaction scheme according to an oxidation reaction which imitates a degenerated branched chain reaction. Infrared spectra were taken of the obtained products on a UR-10 spectrophotometer and the structure was estimated. Oxidation kinetics were studied at

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Liquid-phase oxidation of

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15, 20, 25 and 30°C and three stages of oxidation were observed. In the first stage the rate of oxidation and the rate of hydroperoxide formation are equal, in the second stage prevails a self-acceleration, and in the third stage an inhibition of the oxidation process. Inhibition can be explained by the influence of water formed during oxidation, but the mechanism of this effect is not yet explained. The activation energy (for the 1st stage) was calculated with 13.9 kcal/mole. There are 3 figures.

Card 2/2

SKOROKHOD, O.R.; TISHCHENKO, I.G.; VOLNEYKO, I.N.

Photometric determination of titanium with 2-(*N*-piperidino)
isopropyl-4-hydroxytetrahydrofuran-3-one. Zhur. anal. khim., 16
no. 4:426-429 Jl-Ag '61.
(MIRA 14:7)

1. V.I. Lenin Byelorussian State University, Minsk.
(Titanium—Analysis)

SKOROKHOD, O.R.; TISHCHENKO, I.G.

Colored complexes of tetrahydroxyaminofuranones with metals.
Zhur. ob. khim. 31 no.6:1986-1991 Je '61.

(MIRA 14:6)

1. Belorusskiy gosudarstvennyy universitet imeni V.I.Lenina.
(Furanone) (Complex compounds)

TISHCHENKO, I.G.; SKOROKHOD, O.R.; SHEDOV, N.V.

Metallic compounds of 2-(α ,N-piperidino)
-4-isopropylhydroxytetrahydro-3-furanone.. Zhur. ob.khim.
32 no.11:3808-3811 N '62. (MIRA 15:11)

1. Belorusskiy gosudarstvennyy universitet imeni
V.I. Lenina.

(Furanone)
(Organometallic compounds)

TISHCHENKO, I. G.; STANISHEVSKIY, L. S.

Liquid phase oxidation of α,β -unsaturated ketones. Part 2:
Products of the liquid phase oxidation of normal propylidene-,
amylidene-, and hexylideneacetones. Zhur. ob. khim. 33 no.1:
141-145 '63. (MIRA 16:1)

1. Belorusskiy gosudarstvennyy universitet imeni V. I. Lenina.
(Ketones) (Oxidation)

TISHCHENKO, L.G.; SKOROKHOD, O.R.; SHILKOVA, L.P.

Interaction of 4-diphenyl-3-amino-3-methyl hydroxy-2-butanone
with metals. Vestsi AN BSSR.Ser.khim.nav no.2:131-135 '65.
(MIRA 18:12)

TISHCHENKO, I.G. [Tishchanka, I.R.]; YAZYCHENKO, V.M. [IAzchenka, V.M.]

Interaction of 3-methyl-3,4-epoxy-2-butanone and
3-methyl-3,4-epoxy-2-pentanone with amines. Vestsi
AN BSSR. Ser. khim. nav. no.2:61-66 '65.

(MIRA 18:12)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755810019-4

TISHCHENKO, I.G.; STANOVYSHKAY, V.V.

Separation of hydrocarbures of propylbenzene and n-butylbenzene
acetones. Zhur. po khimii, no. 5:1690 My 1966. MIRE 1010.

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755810019-4"

TISHCHENKO, I.G.; BUBEL', O.N.; ZYAT'KOV, I.P.

Oxides of some higher alkylidene acetones. Zhur. ob. khim.
33 no.8:2613-2617 Ag '63. (MIRA 16:11)

1. Belorusskiy gosudarstvennyy universitet imeni V.I. Lenina.

SKOROKHOD, O.R.; TISHCHENKO, I.G.

Extraction-photometric determination of molybdenum by means of
2-(-N-piperidine)isopropyl-4-hydroxytetrahydro-3-furanone.
Trudy Kom.anal.khim. 14:292-297 '63. (MIRA 16:11)

TISHCHENKO, I.G., inzh.

Simple dilatometer. Mashinostroenie no.1:68-69 Ja-F '63,
l. Zavod im. Artem, g. Lugansk.
(MIRA 16:7)
(Dilatometer)

NAVROTSAYA, V.S.; TISHCHENKO, I.M.

Arid periods in White Russia during 1950-1952 and 1954.
Trudy OGMI no.19:35-39 '59. (MIRA 13:5)
(White Russia--Droughts)

TISHCHENKO, I.T. (Klyev); MEDVEDEV, Yu.L. (Klyev)

Epidemic outbreaks of virus influenza in 1957-1959 in Kiev.
Sbor.nauch.trud. Inst.infek.bol. no.4:13-18 '64.

(MIRA 18:6)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755810019-4

TISHCHENKO, I. T.

20008 TISHCHENKO, I. T. Bol'she bnimaniya semenobodstvu trav. Sel. Zhoz-vo
Tadzhikistana, 1949, No. 3, s. 37-40.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755810019-4"

TISHCHENKO, I. T. and PRIMAK, D. O.

Tishchenko, I. T. and Primak, D. O. - "Experience in the sericus prophylaxis of scarlet fever", Vracheb. delo, 1949, No. 5, paragraphs 449-50.

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

TISHCHENKO, I.T., PRIMAK, D.O.

Epidemiological significance of non-hospitalized scarlet fever patients and secondary complications. Zhur.mikrobiol.epid. i immun. 29 no.6:60-63 Je '58
(MIRA 11:7)

1. Iz Kiyevskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.
(SCARLET FEVER,
epidemiol. aspects & compl. in non-hospitalized
patients (Rus))

TRUKHAN, P.T.; TISHCHENKO, I.T.; STANKEVICH, L.A.; POPOVA, A.A.;
DOBROVSKAYA, A.R.; priminali uchastiye: PETROVA, M.P.;
RYAZANSKAYA, A.A.; TRIGUBOV, S.P.; RABINOVICH, A.M.; GELER, S.S.

Use of γ -globulin for the prevention of infectious hepatitis in
children's collectives. Report No.2: Results of epidemiological
observation in children's collectives. Zhur. mikrobiol., epid. i
immun. 42 no.11:138 N '65.
(MIRA 18:12)

1. Kiyevskiy institut usovershenstvovaniya vrachey, Kiyevskaya
gorodskaya sanitarno-epidemiologicheskaya stantsiya i sanitarno-
epidemiologicheskaya stantsiya Podol'skogo rayona Kiyeva (for Trukhan,
Tishchenko, Stankevich, Popova, Dobrovskaya). 2. Podol'skaya
rayonnaya sanitarno-epidemiologicheskaya stantsiya Kiyeva (for
Petrova, Ryazanskaya, Trigubov, Rabinovich, Geler).

L 29188-66 EWT(1)/T JK
ACC NR: AP6019122

SOURCE CODE: UR/0016/65/000/011/0138/0138

AUTHOR: Trukhan, P.T.; Tishchenko, I.T.; Stankevich, L.A.; Popova, A.A.;

Dobrovskaya, A.R.

35

30

B

ORG: Kiev Institute for the Advanced Training of Physicians (Kiyevskiy institut usovershenstvovaniya vrachey); Kiev Municipal Sanitary-Epidemiological Station (Kiyevskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya); Podol'skiy Area Sanitary-Epidemiological Station, Kiev (Sanitarno-epidemiologicheskaya stantsiya Podol'skogo rayona Kiyeva)

6

TITLE: Use of gamma globulin to prevent infectious hepatitis in children. II. Results of epidemiological observations among groups of children. [This paper was presented at the meeting of the Kiev City Society of Microbiologists, Epidemiologists and Infectious Diseases Specialists on 30 September 1964.]

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 11, 1965, 138

TOPIC TAGS: gamma globulin, hepatitis, epidemiology, immunization, man

ABSTRACT: In September 1963 some 5000 children in nurseries, kindergartens, and grade schools in Kiev were immunized with a single 3 ml dose of human gamma globulin while an equal number served as controls. The observation period of 13 months consisted of two intervals: (1) October 1963 to May 1964 and (2) June to September 1964. The incidence of hepatitis among the

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L 29188-66

ACC NR: AP6019122

immunized children was one-third that in the controls, and there were five times fewer cases during the first interval than in the controls and half as many cases during the second interval. The effectiveness of the gamma globulin subsequently decreased, apparently because of a weakening of immunity.

To check the epidemiological effectiveness of gamma globulin injections, some 1,600 children were immunized with the substance while an equal number served as controls. After 8 months of observation the hepatitis rate was one-seventh of that prior to immunization, suggesting that a fairly high level of immunity can be created with an immune layer of 50%.

The authors concluded that human gamma globulin is a useful means of preventing infectious hepatitis. September is the best month to administer it in Kiev because the fall and winter are the most dangerous seasons for the disease. In addition to the principal authors, the following epidemiologists of the Podol'skiy Area Sanitary-Epidemiological Station, Kiev, took part in the organization of the work and the observations: M. P. Patrova, A. A. Ryazanskaya, S. P. Trigubov, A. M. Rabinovich and S. S. Geler. [JPRS]

SUB CODE: 06/ SUBM DATE: 02Nov64 /

Card 2/2

BLG

UDC: 616.36-002.12-084.47:615.373.37-053.2

TISHCHENKO, I.T.; PRIMAK, D.O.; SILYAVKINA, A.N.; SOFIYENKO, N.Ya.;
SHEKHET, A.L.; NEVIDNIKH, A.A.

Ways for decreasing and eradicating diphtheria in Kiev. Zhur.
mikrobiol., epid.i immun. 32 no.12:106-109 D '61. (MIRA 35:11)

1. Iz Kiyevskoy gorodskoy sanitarno-epidemiologicheskoy stantsii
i 5-y detskoy klinicheskoy infektsionnoy bol'nitsy.
(KIEV—DIPHTHERIA—PREVENTION)

TISHCHENKO, I.T.; SMOGORZHEVSKAYA, Ya.E.; SOFIYENKO, N.Ya.; KONSTANTINOVA,
A.A.; LUR'YE, M.A.

On the problem of the etiology and epidemiology of intestinal dysfunctions induced by pathogenic Escherichia coli. Zhur. mikrobiol., epid.i immun. 30 no.12:115-117 D.'59.

1. Iz Klyevskoy gorodskoy sanitarno-epidemiologicheskoy stantsii. (MIRA 13:5)
(ESCHERICHIA COLI INFECTIONS in inf. & child)

TISHCHENKO, I.T.; STANKEVICH, L.A.

Some epidemiological features of the morbidity of epidemic hepatitis
(Botkin's disease) in Kiev during a six-year period. Zhur. mikrobiol.
epid. i immun. 31 no.1:142-143 Ja '60.
(MIRA 13:5)

1. Iz Kiyevskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.
(KIEV--HEPATITIS, INFECTIOUS)

SMIRNOVA, M.F., starshiy nauchnyy rabotnik, TISHCHENKO, I.T., SHEVCHENKO, L.F.,
mladshiy nauchnyy sotrudnik

Incidence of influenza in Kiev during the pandemic of 1957. Vrach.
delo no.8:827-831 Ag '58
(MIRA 11:8)

1. Kiyevskiy nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii i gorodskaya sanitarno-epidemiologicheskaya stantsiya.
2. Starshiy epidemiolog gorodskoy sanitarno-epidemiologicheskoy stantsii (for Tishchenko).

(KIEV--ASIAN FLU)

Country : USSR
Category : Microbiology. Microbes Pathogenic For Man and Animals
Abs. Jour : Ref Zhur-Biol., No 23, 1958, No 103823
Author : Tishchenko, I. T.; Primak, D.O.
Institut. : ---
Title : The Problem of the Epidemiological Significance of Scarlet Fever Patients Left at Home and of Secondary Complications in Them
Orig Pub. : Zh. mikrobiol., epidemiol. i immunobiol., 1958, No 6, 60-63.
Abstract : No abstract.

Card: 1/1

F-46

TISHCHENKO, I.T.; PRIMAK, D.O.; SHEKHET, A.L.

Results of discharging patients in scarlet fever cases on the 14-15th
day of the disease. Zhur.mikrobiol.epid.i immun. no.3:29-33 Mr '54.
(MLRA 7:4)

1. Iz Kiyevskoy gorodskoy sanitarno-epidemiologicheskoy stantsii
(glavnnyy vrach F.I.Yuzhenko) i kliniki detskikh infektsionnykh
bolezney (zaveduyushchiy - professor A.V.Cherkasov) Kiyevskogo
meditsinskogo instituta na baze 5-y Kiyevskoy detskoy infektsionnoy
bol'nitsy (glavnnyy vrach A.L.Shekhet).
(Scarlet fever)

TISHCHENKO, I.T.; KORNYUSHENKO, N.P.; RYBINSKAYA, L.N.

Epidemiological and virological characteristics of influenza
incidence in Kiev in January-March 1962. Vrach.delo no.3:105-
107 Mr '63. (MIRA 16:4)

I. Kiyevskiy institut infektsionnykh bolezney i Kiyevskaya
gorodskaya sanitarno-epidemilogicheskaya stantsiya.
(KIEV--INFLUENZA)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755810019-4

TISCHENKO, I.V.

Aerial photographic surveying and photogrammetry in
Switzerland. Geod.i kart. no.5:71-77 My '60.

(MIRA 13:7)
(Switzerland—Aerial photogrammetry)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755810019-4"

TISHCHENKO, I.V.

Simplified method for plane phototriangulation by the use of the
SD-1 stereograph. Geod.i kart. no.8:23-27 Ag '61. (MIRA 14:10)
(Aerial photogrammetry)

S/006/60/000/05/23/024
B007/B123

AUTHOR: Tishchenko, I. V.

TITLE: On Aerophotographic and Photogrammetric Work in Switzerland

PERIODICAL: Geodeziya i kartografiya, 1960, No. 5, pp. 71-77

TEXT: A survey is given of the photogrammetric work and, especially, of aerophotography in Switzerland. There are 9 figures, 1 table, and 2 references, 1 of which is Soviet. ✓

Card 1/1

AUTHOR: Tishchenko, I. V.

SCI/C-5d-7-15, 10

TITLE: On the Book by N. F. Yelizarov "Manual of Stereoplanigraph Operation" (O knige N. F. Yelizarova "Posobiye po rabote na stereoplanigrafe")

PERIODICAL: Geodeziya i kartografiya, 1958, Nr 7, pp. 70-73 (USSR)

ABSTRACT: This is a book review. In 1958, the publishing house for surveying literature published this book in a number of 2000 copies. This is the first stereoplanigraph operation manual published in the USSR. The book consisted of two parts. The first contains a description of the apparatus, and also incorporates the operation instructions and maintenance work regulations. The operation of the equipment is the subject of the second part. It includes the operational adjustment of the stereoplanigraph, the interpretation of aerial photographs and space phototriangulation. No reference is made of the fact that the original idea of a stereoplanigraph is due to the German photogrammetrical experts Fulfrich (Pul'frikh) and Bauersfeld (Bauersfel'd) (1918) and that the first model of the equipment C-1 was produced by the

Card 1/2

On the Book by N. F. Yelizarov "Manual of Stereoplanigraph Operation" SOV/6-58-7-15/19

manufacturing firm Zeiss (iseyss) in 1920. The merits of A. S. Skiridov, Doctor of Technical Sciences, and of M. N. Yutanov, Candidate of Technical Sciences, should be mentioned. They developed the first Soviet methods of plotting serial photographs at the stereoplanigraph. The first part of the book is a well edited and supplemented translation of the German manual. The illustrations and the majority of figures are taken from the German text. A few shortcomings of the book are mentioned. The section dealing with map compilation and space phototriangulation is presented on much too small a scale.

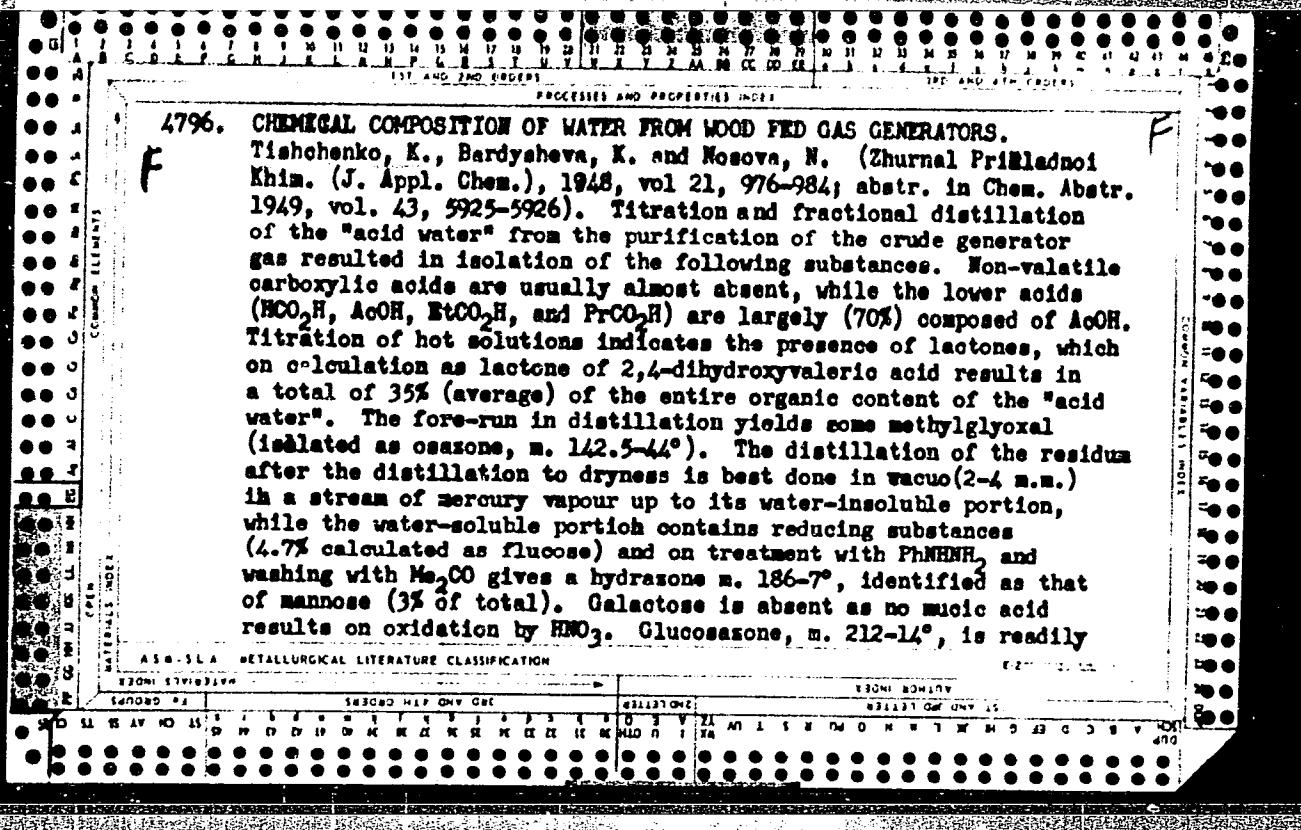
1. Aerial photography 2. Mapping 3. Geophysical surveying
4. Literature

Card 2/2

TISHCHENKO, I. V.

TISHCHENKO, I. V. -- "The Effect of Ultraviolet Radiations on the Immuno-biological Properties of the Organism (Phagocytic Blood Index)." Odessa State Medical Inst imeni N. I. Pirogov. Odessa, 1955. (Dissertation for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya letopis', No. 4, Moscow, 1956



obtained from the water-soluble portion by treatment with excess PhNHNH₂, with heating; its total amount is about 30% of total carbohydrate content. The final distillation fractions (in mercury vapour) crystallising on cooling and m. 179-80°, identified as 1-glucosan (about 6% of total). Careful fractionation of the remaining distillate gives; about 1% acetol, b₂₀ 54-5°, d₁₅ 1.075, 7% mixed formates and acetates of glycol, b₂₀ 91-8°, 1.5% 2-methylcyclopentenolone, m. 105-6° (from water), b₂₀ 100-2°, 1.4% 2-methyl-3-hydroxy-4-pyrone, m. 159-60° ~~and~~ (from water), less than 1% catechol, about 8% 2-hydroxy-4-valerolactone, b₂ 112-32° (not isolated in pure state), and an unstated amount of hexosedianhydride, reported earlier (the reference is omitted in bibliography). Methylation of the "acid-water" with Na₂SO₄ and NaOH below 0° gave distillable substance from which it was possible to isolate dimethyl ethers of catechol and 4-methylcatechol (identified as 4-MO₂ and 5-MO₂ derivatives, respectively m. 76-7° and m. 116.5-17°, trimethyl-1-glucosan, b₂ 115-17°, and dimethyl-1-glucosan, b₂ 135-40°, m. 76-6.5° (from lignon); the sum of 1-glucosan derivatives is at least 15%.

C.A.

DZHINCHVELASHVILI, K. P.; TISHCHENKO, K. I.; SHORNIKOVA, A. S.

Putting into operation and adjustment of a new ore dressing
plant of the "Chiaturamarganets" Trust. Obog. rud. 7 no.6:
29-36 '62. (MIRA 16:4)

1. Trest "Chiaturmarganets" (for Dzhinchvelashvili).
2. Mekhanobrchermet (for Tishchenko, Shornikova).

(Chiatura region--Ore dressing)

TISHCHENKO, K.T.

Comparative effectiveness of different method of treatment of typhoid and paratyphoid diseases. Trudy Kish.gos.med.inst. 13:93-98 '60. (MIRA 16:2)

1. Kafedra infektsionnykh bolezney Kishinevskogo gosudarstvennogo meditsinskogo instituta.
(TYPHOID FEVER) (PARATYPHOID FEVER) (LEVOMYCETIN)
(DIPHENHYDRAMINE)

TISHCHENKO, K. T.

"On the problem of chemotherapy of typhoid-para-typhoid diseases.

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

TISHCHENKO, K. T.; NEGRESKY, V. Ya.; ROZEN'ER, L. A.

"Dysentery in Winter," Tezisy Dokladov 9-y Nauchnoy Sessii Kishinevskogo
Gosudarstvennogo Meditsinskogo Instituta, 1952, pp 51, 52.

ZHELTAKOV, M.M., prof.; SKRIPKIN, Yu.K.; TISHCHENKO, L.D.

Treatment of organic neurodermatitis and prurigo nodularis with
intradermal injections of methylene blue solution in novocaine.
(MIRA 15:5)
Vest.derm.i ven. no.7:33-37 '61.

1. Iz kafedry kozhnykh i venericheskikh bolezney II Moskovskogo
meditsinskogo instituta imeni N.I. Pirogova (zav. - prof. M.M.
Zheltakov).
(METHYLENE BLUE---THERAPEUTIC USE) (NOVOCAINE)
(SKIN--DISEASES)

TISHCHENKO, L.D.

Pantothenic acid metabolism in patients with skin diseases.
Vest.derm.i ven. 35 no.1:30-33 Ja '61. (MIRA 14:3)

1. Iz kozhnay kliniki (zav. - prof. N.S. Smelev) i biokhimicheskoy laboratorii (zav. Ye.M. Rakimalevich) TSentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - kand.med.nauk I.M. Turanov) Ministerstva zdravookhraneniya RSFSR.
(PANTOTHENIC ACID) (SKIN—DISEASES) (TEROIDS)

TROFIMOVА, L.Ya., kанд. med. nauk; TISHCHENKO, L.D.

Experience in treating lupus erythematosus using plicenalil. Vest.
derm. i ven. 38 no.11:34-36 N '64. (MIRA 12:4)

1. Otdel dermatologii (zav. - prof. N.S.Smelov) TSentral'nogo
nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta
(dir. - dotsent N.M.Turanov) Ministerstva zdravookhraneniya SSSR,
Moskva.

STUDNITSIN, A.A., prof.; SHARPOVA, G.Ya.; TISHCHENKO, L.D.

Use of quinacrine in the treatment of psoriasis. Vrach.delo no.10:
1029-1031 0 '59. (MIRA 13:2)

I. Kafedra kozhnykh i venericheskikh bolezney (zaveduyushchiy - prof.
M.M. Zheltakov) Vtorogo Moskovskogo meditsinskogo instituta.
(PSORIASIS) (QUINACRINE)

TISHCHENKO, L.I.

Experimental investigation of the lubrication of gears used in
mining machinery. Vest.mash. 40 no.5:9-12 My. '60. (MIRA 14:4)
(Gearing) (Lubrication and lubricants)

DOKUKIN, Aleksandr Viktorovich; ISTOMIN, Vladimir Nikolayevich;
TISHCHENKO, Lyudmila Igorevna; ASTAKHOV, A.V., red. izd-va;
EOLDYREVA, Z.A., tekhn. red.; SHKLYAK, S.Ya., tekhn. red.

[Wear, lubrication, and repair of stoping machinery] Iznos,
smazka i remont zaboronykh mashin. Moskva, Gos. nauchno-
tekhn. izd-vo lit-ry po gornomu delu, 1961. 167 p.
(MIRA 15:4)

(Mining machinery--Maintenance and repair)

TISHCHENKO, L.I., kand.tekhn.nauk

Use of scintillation counters in the radioisotope method of
measuring the wear of toothed wheels. Mekh. i avtom. v gor. prom.
(MIRA 16:10)
no. 3:128-140 '63.

TISHCHENKO, L. I., Cand Tech Sci -- (diss) "Research into and choice of lubricants for the gears of coal-face cutting machines." Moscow, 1960. 20 pp; 1 page of tables; (Academy of Sciences USSR, Inst of Mining Affairs); 250 copies; price not given; (KL, 25-60, 135)

TISHCHENKO, L.N.; SHRAYER, T.I.

Pneumomediastinography in the diagnosis of benign tumors and
cysts of the mediastinum. Vest. rent. i rad. 38 no.5:61-62
(MIRA 16:12)
S-0'63

1. Iz Kemerovskoy oblastnoy bol'nitsy (glavnnyy vrach Ye.P.
Nechayeva, Nauchnyy rukovoditel' - zasluzhennyy vrach RSFSR
M.A. Podgorbunskiy).

TISHCHENKO, L.N.

Large diverticulum of the pyloric segment of the stomach.
Vest. rent. i rad. 37 no.1:69-70 Ja-F '62. (MIRA 15:3)

1. Iz khirurgicheskogo otdeleniya (zav. - zasluzhennyj vrach
RSFSR M.A. Podgorbinskiy) Kemerovskoy oblastnoy bol'nitsy
(glavnyj vrach N.A. Bakatina).
(PYLORUS--DISEASES)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755810019-4

ZHOMOV, Yu. (UA3FG); TISHCHENKO, M. (UB5ACh); KALLEMAA, K. (UR2BU)

Short and ultrashort radio waves. Radio no.4:16-17 Ap '65.
(MIRA 18:5)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755810019-4"

TISHCHENKO, M. A.

PA- 59/49T52

USSR/Medicine - Medical Societies Mar/Apr 49
Medicine - Pathology

"Report on the Work of the Section on Pathology of the Khar'kov Medical Society in 1947," M. A. Tishchenko, Secy, 1 p
"Arkhiv Patologii" No 2

Gives titles of ten and abstracts of seven papers presented at six meetings held in 1947 by the Sec on Path. Among them: V. N. Gurevich's "Myelograms of Some Diseases," F. V. Shvetsova's "Presence of Giant Cells in the Struma of Cancer Cases," V. F. Chesalkina's "Problem of Pathomorphological

59/49T52

USSR/Medicine - Medical (Contd) Mar/Apr 49
Societies

Changes in the Pancreas in Cases With Cancer and Ulcer of the Stomach," and N. S. Demidenko's "Nonspecific Pathological Changes in the Endocrine System in Cases with Nonendocrine Diseases." 59/49T52

59/49T52

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755810019-4

DERMAN, G. L., Prof.; TISHCHENKO, N. A., Docent

Pathology - Societies

Session of pathologists of the Khar'kov Medical Society, Arkhiv pat., 14, No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952, Unclassified

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755810019-4"

TISHCHENKO, M.A., dotsent.

Activities of the Khar'kov Province Society of Pathologists in
1952. Arkh.pat. no.15:88-91 N-D '53. (MLRA 7:1)
(Khar'kov Province--Pathology) (Pathology--Khar'kov Province)

TISHCHENKO, M.A. (Khar'kov)

Changes in the spine of children with tubercleus meningitis
treated with streptomycin in 1948-1950. Arkh. pat. 19
no.2:47-54 '57 (MLRA 10:4)

1. Iz kafedry patologicheskoy i tipograficheskoy anatomii
(zav.-dotsent M.A. Tishchenko) Ukrainskogo instituta
usovershenstvovaniya vrachey (dir.-dotsent I.I. Ovsyienko)
(TUBERCULOSIS, MENINGEAL, in inf. and child ther.,
streptomycin, eff. on pathol. of spine)
(STREPTOMYCIN, ther. use
tuberc., meningeal, eff. on pathol. of spine)
(SPINE, pathol.
in meningeal tuberc. in child., eff. of streptomycin)

KHOMENKO, A.G.; TISHCHENKO, M.A.; LEMBERG, A.A.

Causes of the ineffectiveness of antitubercular treatment and collapse therapy in cavernous tuberculosis of the lungs. Probl. tub. no. 2:43-48 '64.
(MIRA 37:12)

1. Katedra tuberkuleza (zav. - detsent A.G.Khomenko), patologicheskoy anatomi (zav. - prof. M.A.Tishchenko) i rentgenologii i radiologii (zav. - prof. A.A.Lemberg) Ukrainskogo instituta usovremenizovaniya vrachey, Khar'kov.

TISHCHENKO, M.A.; LAUER, R.S.; POLUEKTOV, N.S.

Separation of rare-earth elements into subgroups by means of
cupferron. Ukr. khim. zhur. 30 no.4:390-395 '64.

(MIRA 17:6)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR,
laboratori v Odesse.

L 32955-66 EWP(j)/EWT(m)/EWP(t)/ETI IJP(c) RM/JD/JG

ACC NR: AP6015743

SOURCE CODE: UR/0073/66/032/005/0508/0513

AUTHOR: Tishchenko, M. A.; Kononenko, L. I.; Vitkun, R. A.; Poluektov, N. S.

43

ORG: Odessa Laboratories, Institute of General and Inorganic Chemistry AN UkrSSR
(Laboratori v Odesse Instituta obshchey i neorganicheskoy khimii AN UkrSSR)

B

TITLE: Use of pyrazolone derivatives for fluorometric determination of dysprosium

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 32, no. 5, 1966, 508-513

TOPIC TAGS: dysprosium, spectrum determination, rare earth, fluorescence spectrum, nonmetallic organic derivative, terbium

ABSTRACT: The authors study the feasibility of using phenyl-3-methylpyrazolone-5¹ (PMP) and tolyl-3-methylpyrazolone-5 (TMP) to replace 4-sulfophenyl-3-methylpyrazolone-5 (SPMP) for fluorometric determination of dysprosium in oxides of other rare-earth elements. The usefulness of SPMP for determining dysprosium in the presence of terbium is limited due to partial superposition of the fluorescence bands as well as by the bright fluorescence of trivalent terbium ions. The structural formulas of the three compounds are shown in the figure. The reagents were used in the form of a 2.5% solution in ethanol. The fluorescence spectrum for complex compounds of Dy and Tb with the tolyl derivative show three bright bands in the visible region for the Tb complex with maxima at 488-497.5, 543-546 and 580 m μ and two bands for the Dy complex with

Card 1/2

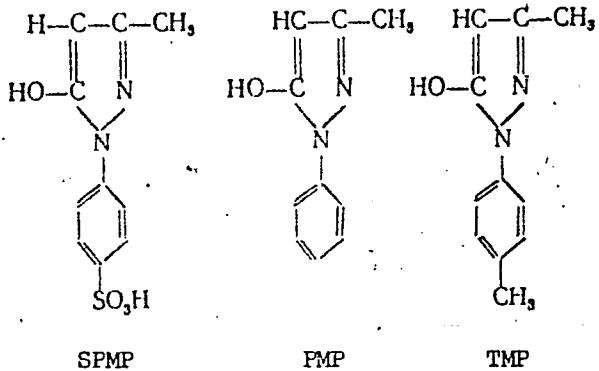
UDC: 543.426-4:546.664

L 32955-66

ACC NR: AP6015743

δ

maxima at 482.5-487.5 and 573 m μ . The best bands for quantitative identification are at 573 m μ for Dy and at 543-546 m μ for Tb. Experiments were conducted to determine the effect of various factors on the luminescence intensity of a complex compound of Dy with PMP and TMP. The greatest relative luminescence intensity was observed in a solution with a pH of 6-7 with 5 mg of reagent in a total volume of 10 ml, allowing the solution to stand for 40 minutes after adding the reagents. The method developed for fluorescence determination of dysprosium may be used for identification of this element in mixtures of rare-earth oxides with a sensitivity of 0.005-0.1% Dy₂O₃ depending on the nature of the basic element. Orig. art. has: 8 figures.



SUB CODE: 07 / SUBM DATE: 04Sep64 / ORIG REF: 006 / OTH REF: 002

Card 2/2 *LFB*

J.086/0-67 EWT(m)/EMP(j) RM
ACC NR: APO019047 (A)

SOURCE CODE: UR/0078/66/011/002/0363/0368

AUTHOR: Tishchenko, M. A.; Kononenko, L. I.; Vitkun, R. A.; Poluektov, N. S. 25

ORG: nono

TITLE: Complexes of rare-earth elements with 1-phenyl-3-methylpyrazolone-5 and 1-tolyl-3-methylpyrazolone-5

SOURCE: Zhurnal neorganicheskoy khimii, v. 11, no. 2, 1966, 363-368

TOPIC TAGS: rare earth element, terbium compound, dysprosium compound, neodymium compound, yttrium compound, erbium compound, fluorescence

ABSTRACT: Complexes of Pr, Nd, Er, Y, Tb, and Dy with 1-phenyl-3-methylpyrazolone-5 or 1-tolyl-3-methylpyrazolone-5 were prepared by a modified Knorr's method (Ann. Chem. 238, 137, 1887). Urotropine was added to the reaction mixture to keep it neutral. The results of the analysis of the complexes prepared are given in Table 1. Among the complexes studied only the Tb and Dy complexes were fluorescent (See Figures 1 and 2).
Orig. art. has: 5 fig. and 2 tables.

Card 1/3

UDC: 546.65 : 541.49

L 08660-67

ACC NR: AP6019047

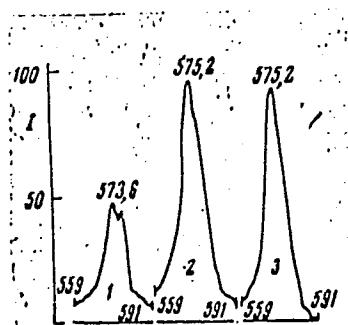


Fig. 1

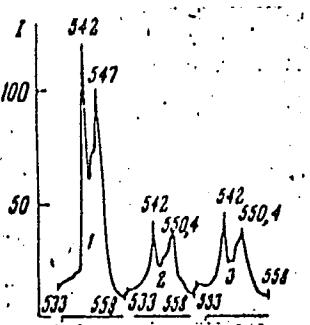


Fig. 2

Figures 1 and 2. Fluorescence spectra of Dy (Fig. 1) and Tb (Fig. 2) complexes with 4'-sulfophenyl-3-methylpyrazolone-5 (1), 1-phenyl-3-methylpyrazolone-5 (2), and 1-tolyl-3-methylpyrazolone-5 (3)

Card 2/3

I. 08660-67
 ACC NR: AF6019047

Table 1. Results of the analysis of the phenyl-methyl- and tolyl-methylpyrazolone complexes

Complex	Melting point, C	Calculated, %			Found, %			Ratio Mo:PhMP (or TMP)
		Mo	PhMP (TMP)	H ₂ O	Mo	PhMP (TMP)	H ₂ O	
Pr-tri(PhMP)-ate	206--207	20,85	76,5	2,65	20,1	77	2,8	1:3,1
Nd-tri(PhMP)-ate	210--211	21,2	76,16	2,64	21,0	75,8	3,0	1:2,98
Er-tri(PhMP)-ate	208--210	23,8	73,6	2,6	22,9	73,7	2,9	1:3,08
Y-tri(PhMP)-ate	198--200	14,2	82,9	2,9	13,6	82,1	3,7	1:3,1
Tb-tri(TMP)-ate	208--210	21,5	76,0	2,4	20,3	76,0	2,6	1:3,15
Nd-tri(TMP)-ate	207--209	19,8	77,7	2,5	20,2	78,0	2,5	1:2,98

Mo = rare-earth element; PhMP = 1-phenyl-3-methylpyrazolone-5; TMP = 1-tolyl-3-methyl-pyrazolone

SUB CODE: 07/ SUBM DATE: 25Jun64/ ORIG REF: 003/ OTH REF: 006

Card 3/3 n/a

TISHCHENKO, M.A.; LAUER, R.S.; POLUEKTOV, N.S.

Extraction of mandelic acid salts of rare-earth elements
by butanol. Zhur.nerog.khim. 10 no.8:1925-1928 Ag '65.
(MIRA 19:1)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR,
laboratorii v Odesse. Submitted April 12, 1963.

KONONENKO, L.I.; TISHCHENKO, M.A.; VITKUN, R.A.; POLUEKTOV, N.S.

1,10-Phenanthroline tenoyl trifluoroacetone complexes of rare-earth elements. Zhur.neorg.khim. 10 no.11:2465-2470 N '65.
(MIRA 18:12)

1. Submitted April 13, 1964.

L 6523-66 EWT(m)/EWP(j)/T/EWP(t)/EWP(b) IJP(c) JD/JG/RM
ACC NR: AP5027206 SOURCE CODE: UR/0078/65/010/011/2465/2470

AUTHOR: Kononenko, L. I.; Tishchenko, M. A.; Vitkun, R. A.; Poluektov, N. S.

ORG: None

TITLE: 1,10-phenanthroline thenoyltrifluoroacetone complexes of rare earth elements

SOURCE: Zhurnal neorganicheskoy khimii, v. 10, no. 11, 1965, 2465-2470

TOPIC TAGS: samarium compound, europium compound, lanthanum compound, neodymium compound, dysprosium compound, yttrium compound, rare earth element

ABSTRACT: The turbidimetric technique was used to study the formation of ternary complexes of rare earth elements (r.e.e.) with 1,10-phenanthroline (Phen) and thenoyltrifluoroacetone (HTTA) in water-ethanol solutions. It was shown by means of the methods of molar ratios and isomolar series that insoluble complexes are formed in which the ratio of the components Me_{r.e.e.} : Phen : HTTA = 1:1:3. These ternary complexes of lanthanum, neodymium, samarium, europium, dysprosium, and yttrium were isolated and analyzed for the content of the r.e.e., 1,10-phenanthroline, and HTTA. The general formula of the compounds was found to be Me(C₁₂H₈N₂)(O₂C₃H·CF₃C₄H₃S)₃. It was established that the ternary complexes of

Card 1/2

UDC: 546.65:541.49

0701 1740

I 6523-66

ACC NR: AP5027206

samarium and europium exhibit a bright fluorescence, much brighter than that of simple thenoyltrifluoroacetones, when irradiated with long-wave ultraviolet light. The spectrum of the $5D_0 - 7F_2$ band of europium in the ternary complex differs from the fluorescence spectrum of simple europium thenoyltrifluoroacetate. Orig. art. [08] has: 7 figures and 1 table.

SUB CODE: IC/ SUBM DATE: 13Apr64/ ORIG REF: 006/ OTH REF: 002/ ATD PRESS:
4140

nw
Card 2/2

DATSENKO, B.M., aspirant; TISHCHENKO, M.A., prof.

Morphological reconstruction of a venous autotransplant in a peripheral main artery. Khirurgiia 40 no.11:50-57 N '65. (MIRA 18;7)

1. Kafedra torakal'noy khirurgii s anesteziologiyey (zav. - prof. A.A.Shalimov) i kafedra patologicheskoy anatomii (zav. - prof. M.A. Tishchenko) Ukrainskogo instituta usovernenstvovaniya vrachey, Khar'kov.

KONONENKO, L.I.; TISHCHENKO, M.A.; POLUEKTOV, N.S.

4-Sulfophenyl-3-methyl-5-pyrazolone as a reagent for the
fluorometric determination of dysprosium and terbium.
Zhur. anal. khim. 19 no.7:829-834 '64.

(MIRA 17:11)

1. Institute of General and Inorganic Chemistry, Ukrainian S.S.R.
Academy of Sciences, Laboratories in Odessa.

L 2107-65 ENT(m)/BMP(c)/ZMP(t) AP404/ESD(rs)/ZARH(t) JD/JG

ACCESSION NR: AP4042624

S/0375/64/019/037/0329/0834

AUTHOR: Kononenko, L. I.; Tishchenko, M. A., Poluchkov, H. S.

14
13

TITLE: 4-sulfophenyl-3-methylpyrazolone-5 as a reagent for the fluorimetric determination of dysprosium and terbium

SOURCE: Zhurnal analiticheskoy khimii, v. 19, no. 7, 1964, 829-834

TOPIC TAGS: dysprosium, terbium, quantitative analysis, spectrofluorimetric analysis, sulfophenyl methylpyrazolone, color reagent, rare earth element analysis, sensitivity

ABSTRACT: 4-sulfophenyl-3-methylpyrazolone-5 is a sensitive reagent for the spectrofluorimetric determination of Dy and Tb upon excitation with ultraviolet radiation from a mercury tube; work was conducted with an KSP-51 spectrophotograph with a FEP-1 photoelectric device. This reagent gives green fluorescence with Tb, light orange with Dy, weak fluorescence with Eu and none with Er. The intensity of the fluorescence with Dy and with Tb is a linear function of the rare earth concentration; maximum intensity occurs at pH 6-7 and is developed within 20 minutes. There are three molecules of reagent per one Dy in the fluorescent

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L 211705
ACCESSION NR: AP4042624

dysprosium compound. The sensitivity of the determination of Dy is low in the presence of Sm, and the method is not too suitable for determination of Dy in Tb, but Dy and Tb may be determined by the method of additions in other rare earth oxides and their mixtures. The sensitivity of the method is 0.04-0.1% for Dy_2O_3 and 0.001-0.004% for Tb_2O_3 . Orig. art. has: 1 formula, 4 tables and 6 figures.

ASSOCIATION: Institut obshchey i neorganicheskoy khimii AN UkrSSR, Laboratoriya v Odesse (Institute of General and Inorganic Chemistry, AN UkrSSR, Odessa Laboratory)

SUBMITTED: 29Jul63

ENCL: 00

SUB CODE: GC, OP

NO REF Sov: 004

OWNER: 000

Card 2/2

ACCESSION NR: AP4033702

S/0073/64/030/004/0390/0395

AUTHOR: Tishchenko, M. A.; Lauer, R. S.; Poluektov, N. S.

TITLE: Separation of rare earth elements into subgroups with the aid of cupferron.

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 30, no. 4, 1964, 390-395

TOPIC TAGS: rare earth element, separation, rare earth subgroup, cerium subgroup, yttrium subgroup, polar organic solvent, nonpolar solvent, cupferron, rare earth cupferronate, solubility

ABSTRACT: Experiments were run to determine to what extent the solubility properties of the rare earth cupferronates may be used in separating them into the cerium and yttrium subgroups. The yttrium subgroup cupferronates are readily soluble in polar organic solvents (alcohols, esters, ketones) while the cerium subgroup cupferronates precipitate in these solvents soon after their extraction. Little separation is effected in nonpolar solvents. The cupferronates are most soluble in cyclohexanol, only slightly less soluble in cyclohexanone, ethylacetate and isoamyl alcohol. The solubility of the yttrium subgroup elements (Y, Dy, Ho, Er, Yb) is approximately the same. In the cerium subgroup solubility increases

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ACCESSION NR: AP4033702

with increase in atomic number: Sm is more soluble than Nd, Ce, or La. The solubility of La cupferronate is 50-275 times less than that of the yttrium cupferronates, of Sm, only 5.7-21 times less. Heating the cupferron-containing solvent causes some of the Y subgroup elements to precipitate; best separation results are obtained at room temperature. The relative solubilities of the Y and Ce cupferronates in these solvents provide a rapid method for the approximate separation of the rare earth elements into subgroups. Orig. art. has: 5 tables.

ASSOCIATION: Institut obshchey i neorganicheskoy khimii AN UkrSSR Laboratori v Odesse (Institute of General and Inorganic Chemistry AN UkrSSR, Odessa Laboratory)

SUBMITTED: 27Jul62

DATE ACQ: 06May64

ENCL: 00

SUB CODE: GC

NO REF Sov: 003

OTHER: 005

Card

2/2

TISHCHENKO, M. A., Doc Med Sci (diss) -- "The morphological characteristics of tuberculous meningitis in children treated with antibiotics". Khar'kov, 1959.
26 pp (Min Health Ukr SSR, Khar'kov State Med Inst) (KL, No 24, 1959, 148)

Country : USSR

S

Category: Human and Animal Morphology (Normal and Pathological).
Nervous System...

Abs Jour: RZhBiol., No 2, 1959, No 7510

Author : Tishchenko, M.

Inst :

Title : On the Changes of Spinal Cord in Tuberculous Meningitis in Children Treated With Streptomycin in 1948-1950.

Orig Pub: Arkhiv patologii, 1957, 19, No 2, 47-54

Abstract: The spinal cord (SC) of 37 children who perished of tuberculous meningitis and who received a known-to-be insufficient dose of streptomycin was studied. In all cases, injury of SC and its sheaths were discovered. The localization of particularly-expressed foci varied

Card : 1/2

S-5

Country : USSR

S

Category: Human and Animal Morphology (Normal and Pathological).
Nervous System.

Abs Jour: RZhBiol., No 2, 1959, No 7510

with respect to SC length. The foci of sclerosis, affections of vessels were accompanied by disseminated demyelination, lymphoid infiltrates, sometimes by specific tuberculous nodules. Dystrophic changes of the spinal cord neurons and spinal ganglia were observed. The intensity of alterative, exudative and proliferative components of the inflammatory reaction varied in different cases depending on the duration of treatment, the time of its beginning, the amount of the antibiotic and other factors Bibl. 42 items. - S. Ye. Levina

Card : 2/2

EXCERPTA MEDICA Sec 5 Vol. 11/1 Pathology Jan. 58
TISHCHENKO, M. A.

237. CHANGES OF THE SPINAL CORD IN TUBERCULOUS MENINGITIS CHILDREN TREATED WITH STREPTOMYCIN IN 1948-1950 (Russian text) -

Tishenko M. A. ARKH. PATOL. 1957, 19/2 (47-54) Illus. 6

This study is based on 37 autopsies of children aged 1 to 15 yr. (21 boys and 16 girls) with tuberculous meningitis; streptomycin therapy had been begun between the 4th and the 21st day; the total dose was considered insufficient. All the children showed meningoaradiculomyelitis of different degree and localization. A striking feature was that corresponding clinical symptoms were absent. The histological changes, in the form of perivascular infiltrations, demyelination, oedema, vacuolar dystrophy, club-shaped swelling of the nerve fibres, sclerosis of the leptomeninges etc., are represented in 6 fairly good microphotographs.

Brandt - Berlin (V,7,8,15*)

T 10-16-0013-10019-4

KHARKEVICH, D.A.; TISHCHENKO, M.I.

Effect of novocaine on pessimal inhibition in various links of the reflex arch [with summary in English]. Biul.eksp.biol. i med. 44 no.10:72-77 O '57. (MIRA 11:2)

1. Iz laboratorii chastnoy farmakologii Instituta farmakologii i khimioterapii AMN SSSR i kafedry farmakologii Leningradkogo meditsinskogo instituta imeni akademika I.P.Pavlova (zav. laboratoriyei i kafedroy - deystvitel'nyy chlen AMN SSSR V.V.Zakusov. Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Zakusovym.

(**PROCAINE**, effects,
possimum inhib. in various parts of reflex arch (Rus))

(**REFLEX**,

possimum inhib. in various parts of arch after admin.
of procaine (Rus))

TISHCHENKO, M. I.; SHAPOVALOV, A. I.; LAPITSKIY, A. I. (Leningrad)

Elektricheskiye razryady odinochnykh nevronov retikulyarnoy formatsii
mozgovogo stvola.

report submitted for the First Moscow Conference on Reticular Formation,
Moscow, 22-26 March 1960.

BABSKIY, Ye.B.; VENEDIKTOV, A.B.; KARPMAN, V.L.; TISHCHENKO, M.I.

Dynamocardiograph. Biofizika 5 no. 5:620-626 '60. (MIRA 13:10)

1. Institut normal'noy i patologicheskoy fizilogii AMN SSSR,
Moskva i Konstruktorsko-tehnologicheskoye byuro "Biofizpribor",
Leningrad.

(CARDIOGRAPHY)

LAPITSKIY, A.I.; TISHCHENKO, M.I.; SHAPOVALOV, A.I.

Possibilities for the use of alternating-current amplifiers in investigating rapidly changing extra- and intracellular bioelectric potentials. Biofizika 6 no. 1:119-125 '61.

(MIRA 14:2)

1. "Spetsial'noye konstruktorsko-tehnicheskoye byuro Biofizpribor," Leningrad i Pervyy meditsinskiy institut im. I.P. Pavlova, Leningrad. (ELECTROPHYSIOLOGY) (AMPLIFIERS(ELECTRONICS))

KREYTSER, Andrey Genrikhovich; KREPS, Ye.M., prof., red.; TISHCHENKO,
M.I., red.; SAFRONOVA, I.M., tekhn. red.

[Handbook on medical instruments] Spravochnik po meditsinskim priborom. Pod red. E.M.Krepsa. Leningrad, Medgiz, 1962. 195 p.
(MIRA 15:11)

1. Chlen-korrespondent Akademii nauk SSSR (for Kreps).
(MEDICAL INSTRUMENTS AND APPARATUS)

BABSKIY, Ye.B.; KARPMAN, V.L.; SADOVSKAYA, G.V.; TISHCHENKO, M.I.

Physicophysiological study of the high-frequency ballistocardiogram of a healthy man. Kardiologija 2 no.1:4/-52 Ja-F '62. (MIRA 15:5)

1. Iz laboratorii klinicheskoy fiziologii (zav. - akademik AN USSR Ye.B.Babskiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V.Parin) i Instituta terapii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.L. Myasnikov).

(BALLISTOCARDIOGRAPHY)

BARSUKOV, V.N.; TISHCHENKO, M.I.; SHAPOVALOV, A.I.

Direct current amplifier for studies with intracellular micro-electrodes. Biofizika 7 no.3:360-366 '62. (MIRA 15:8)

1. Spetsial'noye konstruktorsko-tehnologicheskoye byuro
"Biofizpribor" i 1-y Leningradskiy meditsinskiy institut imeni
I.P.Pavlova.

(ELECTROPHYSIOLOGY)

VENEDIKTOV, A.B.; TISHCHENKO, M.I.

Ballistodynamocardiograph BDKG-01. Med. prom. 16 no.2:53-58
F '62. (MIRA 15:3)

1. Samostoyatel'noye konstruktorskoye tekhnologicheskoye
byuro "Biofizpribor".
(BALLISTOCARDIOGRAPHY...EQUIPMENT AND SUPPLIES)

TISHCHENKO, M.I.

Importance of human body vibrations in the formation of the
ballistocardiogram. Biofizika 8 no.2:246-252 '63.
(MRR 17:10)
1. Institut normal'ney i patologicheskoy fiziologii AN
SSSR, Moskva.

L 35003-65 EWP(k)/EWT(d)/EWP(h)/T/EWP(l)/EWP(v) RH

ACC NR: AP6019570

SOURCE CODE: UR/0115/66/000/004/0003/0006

AUTHOR: Arutyunov, V. O. (Doctor of technical sciences); Babekiy,
Ye. V.; Dzharak'yan, T. K; Krotkov, I. N.; Tishchenko, M. I.

ORG: none

TITLE: Role and problems of metrology in biology and medicine

SOURCE: Izmeritel'naya tekhnika, no. 4, 1966, 3-6

TOPIC TAGS: medical metrology, biological metrology, medical equipment standards, biological equipment standards, medical instrumentation specifications, biological instrumentation specifications medical science

ABSTRACT: Particular need is felt for standardizing medical equipment used for the automatic control, registration, and regulation of biological functions, as well as for designing artificial organs. The importance of standard criteria in diagnosing, treating, and preventing disease requires that physical parameters be measured with maximum accuracy which is difficult to achieve without universally accepted standards. The ever-expanding mass and use of quantitatively evaluated, stored, and processed data calls for the development and establishment of a system of standard measurement units functionally related to units of physical and chemical measurement, as well as the consolidation of

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the different forms and aspects of a system of measurement to be designated as "biological metrology." In the Soviet Union, work in this field has been initiated by two affiliates of the Committee of Standards, Measures, and Measuring Equipment: the All-Union Scientific Research Institute of Metrology im. D. I. Mendeleyev (VNIIM) and the All-Union Scientific Research Institute of Physicotechnical and Radio-technical Measurements (VNIIFTRI). It is suggested that in addition to organizing special laboratories in VNIIM and VNIIFTRI, specialists from the Academy of Sciences USSR and the Academy of Medical Sciences USSR be drawn into the work of developing plans for research in the above fields, and that an all-union conference be conducted under the auspices of the Academy of Sciences USSR, the Academy of Medical Sciences USSR, the Ministry of Higher Education, and the Ministry of Instrument Making to discuss proposed research in biological and medical metrology. Finally, it is recommended that a unified system of units be developed for measuring biological objects and phenomena which can be coordinated with a universally accepted system of units, on the basis of which accurate, up-to-date equipment can be designed and built.

[SP]

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 003/ OTH REF: 001

Card 2/2 af

PASTERNAK, S.I., doktor geol.-min. nauk, otv. red.; ZDUN, V.I., doktor biol. nauk, red.; CHERKASHCHENKO, M.I., kand. biol. nauk, red.; MALINOVSKIY, K.A.[Malynov's'kyi, K.A.], kand. biol. nauk, red.; TISHCHENKO, M.N.[Tyshchenko, M.N.], red.

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[Present and past fauna in the western provinces of the
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KUZNETSOV, V.A.; KOCHERGIN, V.P.; TISHCHENKO, M.V.; POZDNYSHHEVA, Ye.G.; FRUMKIN, A.N., akademik.

Investigation of surfaces tension of the alloy: tin - cadmium on the boundary with the fused eutectic: Li - KCl in a vacuum. Dokl.AN SSSR 92 no.6:1197-1199 O '53.
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TISHCHENKO, N.A. (Leningrad, Zanevskiy pr., d.1/82, komn.42)

Anatomical basis for the extent of 'en bloc' removal of the
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(LYMPH NODES, surg.

en bloc removal of cervical submandibular nodes,
technic & application (Rus))

(NECK, surg.

en block removal of cervical submandibular lymph
nodes, technic & application (Rus))

TISHCHENKO, N. A.

FA 24T35

USSR/Engineering
Furnaces, Blast
Loading Equipment

Sep 1947

"Suitable Dimensions for Blast Furnace Loading Apparatus," N. A. Tishchenko, O. E. Gol'dberg, Bogn, TAPERN Designing and Reconditioning Trust, 5 pp

"Stal'" No 9

The measurements of loading apparatus for typical blast furnaces developed by Raum and Leyonidov require certain modifications, especially with respect to the electric drive for the lifts of furnaces which have a volume of 900 - 1100 cubic meters, using the Leyonidov method exclusively. The author concludes his statements with the warning that all

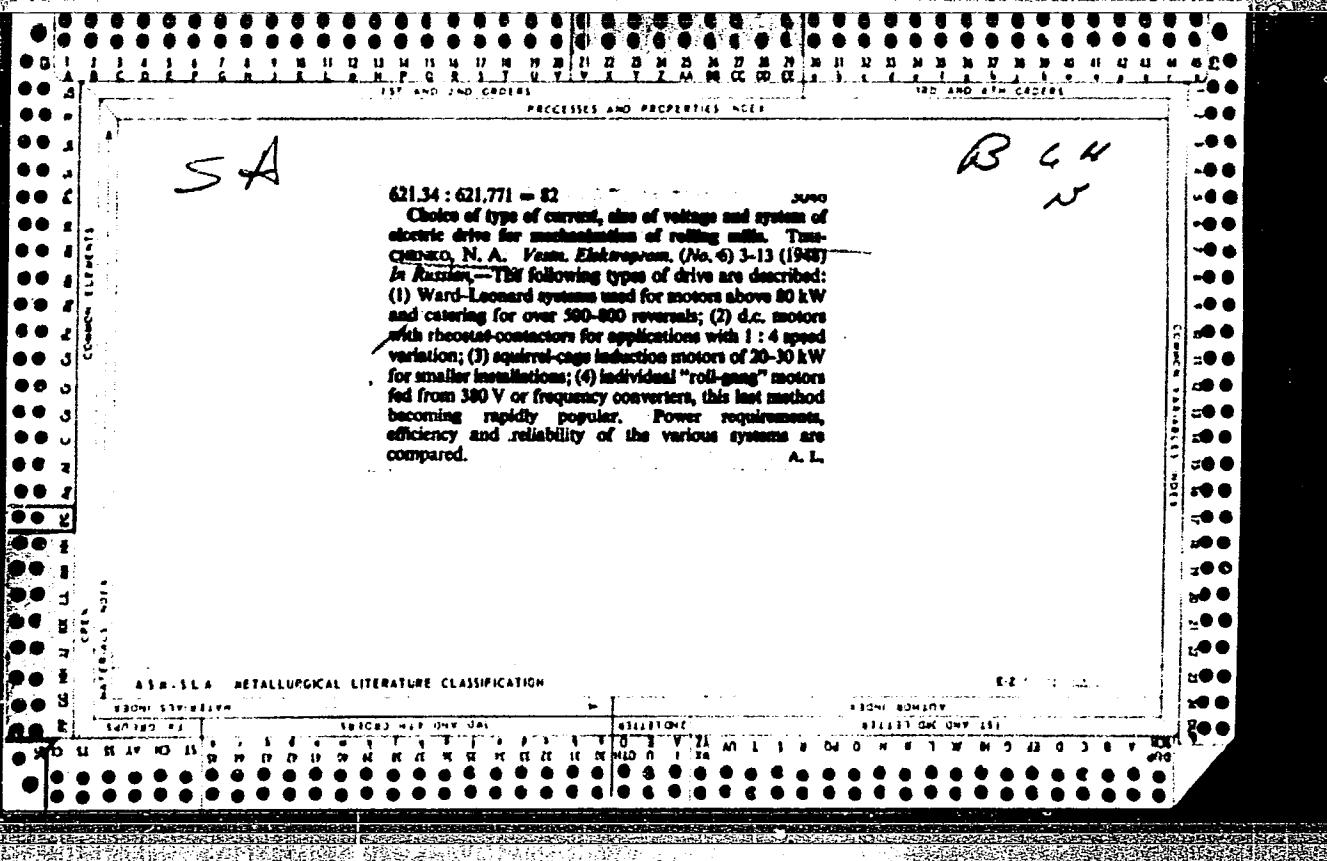
24T35

USSR/Engineering (Contd)

Sep 1947

foreign equipment which was imported during the war is in need of modification for Soviet needs.

24T35



TISHCHENKO, N. A.

PA 53/49T81

USSR/Mining
Machines, Mining
Drilling

Nov. 48

"Performance Tests of the Makarov KM-6M Combine at
the Experimental Mine VUGI, Karaganda," N. A.
Tishchenko, D. M. Lyuboshchinskii, Engineers, 5 pp

"Mech Trud i Tyazh Rabot" No 11

Reports results of performance tests on subject
combine, which is rated to be able to work mineral
veins up to 1.85 meters wide. Makes recommenda-
tions for construction and design changes. Claims
present design leads to excessive time loss in the

53/49T81

USSR/Mining
(Contd)

Nov 48

event of even minor breakdowns. This combine,
however, is unique in that it incorporates parts
of the KMP-1 drilling machine.

53/49T81

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"Sov. EXPLOITATION OF COAL. Tchetchenka, N.A.
Tchetchenka, D.R. (Uraliznatsel Trud i Tyazhel. Indust
(Conclusion of Previous Work), May 1951, 17, 1.)."

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755810019-4"

SHULIN, N.I.; TISHCHENKO, N.A., gorn.inzh., retaenzent; KRASNYANSKIY, Y.A.,
redaktor.

[Mine hoisting signaler; textbook for workers' production and technical training] Signalist shakhtnogo pod'ema. Uchebnik dlja proizvodstvenno-tekhnicheskogo obucheniia rabochikh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1954. 133 p.
(Mine hoisting) (Mine communication) (MIRA 7:12)

ATTN: R. T. 1027

Subject : USSR/Electricity

Card 1/2 Pub. 27 - 14/33

Author : Tishchenko, N. A., Eng.

Title : Automatized drive in iron metallurgy

Periodical : Elektrichestvo, 7, 80-88, J1 1955

Abstract : The author presents a summary of the development in the USSR of automatized drive in the pre-revolutionary, prewar and postwar periods. The last period is considered in more detail. The author registers the basic tendencies of further development: development of electric power converters, transmission mechanisms and automation facilities; complex automation of production processes; unification and standardization of metallurgical drives, etc. A comparison of results obtained in the USSR with those obtained in the USA is presented. The author emphasizes the importance of further development of complex automation and points to some existing deficiencies and to ways of correcting them. Three tables, 3 photographs, 2 diagrams.